

Sheet 1 of 2

FORM PTO

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98

Docket Number: 4015-980
Serial Number: 09/945,002
Applicant: Paul W. Dent
Filing Date: December 5, 2001
Group: 2661

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U. S. PATENT DOCUMENTS

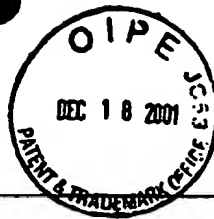
Examiner					Filing Date		
Initial	Patent No.	Date	Name	Class	Subcl	If Approp.	
JDK 1/4	A 5,481,572	1/24/1996	Skold et al.				
	B 5,499,272	3/12/1996	Bottomley				
	C 5,594,941	1/14/1997	Dent				
	D 5,619,503	4/8/1997	Dent				
	E 5,631,898	5/20/1997	Dent				
	F 5,642,358	6/24/1997	Dent				
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	H 5,812,935	9/22/1998	Kay				
	I 5,812,947	9/23/1998	Dent				
	J 5,845,199	12/1/1998	Longshore				
✓	K 5,848,060	12/8/1998	Dent				
	L 5,867,791	2/2/1999	Chambert				
	M 5,883,888	3/16/1999	St-Pierre				

FOREIGN PATENT DOCUMENTS

				Translation			
Patent No.	Date	Name	Class	Subcl	Yes	No	

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1 HMB	1	Initial Estimation of Communication Efficiency of Indoor Wireless Channels, G. J. Foschini and R. A. Valenzuela, Wireless Networks 3, pp. 141-154, 1997; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory, Holmdel, NJ 07733, USA
	2	On Limits of Wireless Communications in a Fading Environment When Using Multiple Antennas, G. J. Foschini and M.J. Gans, Wireless Personal Communications, Vol. 6 (No.3), pp. 311-335, Kluwer Academic Publishers, March, 1998; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory - R137, 791 Holmdel-Keyport Road, Holmdel, NJ 07733-0400, USA



Sheet 2 of 2

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Docket Number: 4015-980
Serial Number: 09/945,002
Applicant: Paul W. Dent
Filing Date: December 5, 2001
Group:

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U. S. PATENT DOCUMENTS

Examiner		Patent No.	Date	Name	Class	Subcl	If Approp.
Initial							
JDK	N	5,909,460	6/1/1999	Dent			
	O	5,930,248	7/27/1999	Langlet et al.			
	P	5,940,742	8/17/1999	Dent			
	O	5,963,874	10/5/1999	Mahler			
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	S	6,006,075	12/21/1999	Smith et al.			
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	U	6,088,593	7/11/2000	Dent			
	V	6,104,933	8/5/2000	Frodigh et al.			

EXAMINER

Kevin M. Panch

DATE CONSIDERED

5/8/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.



FORM PTO-1449

Docket Number:

4015-980

Serial Number:

09/945,002

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98

Applicant:

Dent, Paul W.

Filing Date:

August 31, 2001

Group:

2631

U. S. PATENT DOCUMENTS

Examiner		Patent No.		Date	Name	Class	Subcl	Filing Date	
Initial									
JDK	A	6067324	5	23	2000	Harrison, Robert Mark			
	B	6144711	11	7	2000	Pollack, Michael A et al			
	C	6473467	10	29	2002	Wallace et al			
	D	6434366	8	13	2002	Harrison et al			
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								Yes	No
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	H	WO 9809381	3	1998	University Leland Stanford Jr				
	I	EP 1087545	3	2001	University Singapore				
	J	WO 9837671	8	1998	Globespan Technologies Inc				
	K	WO 0197474	12	2001	Mitsubishi Electric Corp				
	L	EP 1067710	1	2001	CIT Alcatel				
	M	EP 1207645	5	2002	Lucent Technologies Inc				
	N	EP 0936781	8	1999	CIT Alcatel				
	O	EP 1075122	2	2001	Mitsubishi Electric Inf Tech				
	P	WO 0199453	12	2001	Matsushita Electric Ind Co Ltd				
	Q	WO 9921375	4	1999	Ericsson Telefon AB				

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JDK	R	Ying-Chang, Liang et al: "Transmit Antenna Array Techniques for Cellular CDMA Systems" Personal, Indoor and Mobile Radio Communications, 1998. The Ninth IEEE International Symposium on Boston, MA, USA, 8-11 Sept. 1998, New York, NY, USA < IEEE, US, 8 September 1998, pages 1396-1400, XP010314608 ISBN: 0-7803-4872-9							
JDK	S	Kawakami E et al: "Multi-Stage Interference Canceller Systems With Accurate Radio Channel Estimation Under Fading Environment" 1997 IEEE 6 th International Conference on Universal Personal Communication Record. San Diego, 12-16 Oct. 1997, IEEE International Conference on Universal Personal Communications, New York, IEEE, US, vol. 2 conf. 6, 12 October 1997, pages 475-479, XP010248754 ISBN: 0-7803-3777-8							

EXAMINER

Alicia M. Bond

DATE CONSIDERED

5/18/05

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